SCODIX

Ultra **6500** Series

Ultra **6500** SHD

Packaging	Publishing	Commercial Printing

The Scodix Ultra 6500 SHD is a state-of-the-art digital embellishment press for CMYK printers handling B1 (41") sheets. It expands workflows with versatile embellishment solutions and is available in two premium configurations: Scodix Ultra 6500 and Scodix Ultra 6500 SHD.

Key Benefits

Unmatched Media Versatility

A fully integrated platform capable of processing a wide range of substrates, including offset, Coated/Uncoated Paper, with/Without CMYK, Plastics, laminated, lather, Corrugated, Transparent and Reflective materials.
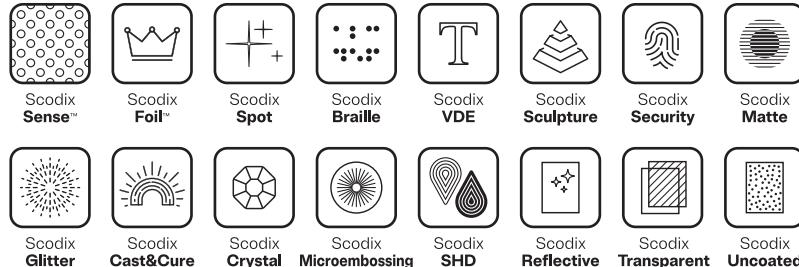
Premium Technologies

- **SHD (Smart High Definition):** Fine details as small as 4-point text.
- **MLE (Multi-Layer Embellishment):** Up to 7 polymer layers for impactful 3D textures.
- **Additional Applications:** Cast&Cure, security, matte, foil-on-foil, and crystal effects.

Features & Specifications

- **Revolutionizing Uncoated Substrate Embellishment:** Scodix leverages eco-friendly MLE (Multi-Layer Embellishment) technology to effortlessly craft unique designs on uncoated media, unlocking limitless creative possibilities.
- **Scodix SHD:** Sharp lines and fine details for high-definition precision & quality.
- **Scodix Sculpture:** Unique 3D textures using multi-layer technology.
- **Variable Data Embellishment (VDE):** Personalized embellishments for targeted marketing.
- **Scodix RSP™ Technology:** 4-CCD RSP™ camera system for perfect alignment with minimal operator input.
- **High Productivity:** Up to 1,310 sheets per hour (SPH) for efficient, high-quality production.
- **16 Embellishment Applications:** Includes foil, embossing, glitter, metallic effects, security and more.

16 Embellishment Applications

Scodix **Sense**™	Scodix **Foil**™	Scodix **Spot**	Scodix **Braille**	Scodix **VDE**	Scodix **Sculpture**	Scodix **Security**	Scodix **Matte**

Scodix **Glitter**	Scodix **Cast&Cure**	Scodix **Crystal**	Scodix **Microembossing**	Scodix **SHD**	Scodix **Reflective**	Scodix **Transparent**	Scodix **Uncoated**

SCODIX

The Future of Embellishment. **Proven.**

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Ultra 6500 Series Technical Specifications

Feature	Description	
	Scodix Ultra 6500	Scodix Ultra 6500 SHD
PN	SCO-3600-01	SCO-3650-01
Media Format Max	1,060×760 mm/41.7×30 in	1,060×760 mm/41.7×30 in
Media Format Min	420×297 mm/16.5×11.7 in	420×297 mm/16.5×11.7 in
Feeder/Stacker	Pallet for Feeder & Stacker	Pallet for Feeder & Stacker
Technology	UV "Fixed Array" inkjet print-heads, Scodix MLE™ (Multi-Layer Enhancement), Scodix RSP™ (Rotate, Scale, Positioning) technology, Scodix Foil™, PAS™ (Pin, Activate, Secure)	
Scodix RSP™ Technology	4-CCD camera system, RSP™ (Rotate, Scale, Position) algorithm, automatic positioning, ±100-micron image to image registration. No operator intervention	
Media Handling	Scodix Twin-Tray™ technology (TT)	
Scodix RIP SW	Scodix Studio Station	
Print Resolution	Up to 2,540×450 DPI	
Image Format	1,000×700 mm/39.3×27.5 in	
Productivity	Up to 1,310 SPH in B1 format	
Feeder (135 gsm)	Pallet, up to 4,000 Sheets	
Stacker (135 gsm)	Pallet, up to 2,300	
Foil roll width	Min - Max: 50-720 mm/1.97–28.34 in	
Foil roll Size (Max)	Diameter 300 mm (11.8 in), Length 2,000 m (2,187 yd), Core 77 mm (3 in)	
Number of Simultaneous Foil Rolls	Up to 6-rolls	
Substrates *	Coated/Uncoated Paper, with/Without CMYK, PVC, laminated, leather, Corrugated, Transparent and Reflective	
Paper weights	135 - 675 gsm / 6 - 30 points	
Paper Thickness	up to 2 mm / 2,000 micron	
Polymer Switch	Automatic Polymer Switch System	
Compatibility	Digital and Offset	

See Scodix Recommended Substrate List (RML).

Sustainable Embellishments

At Scodix, we are committed to driving a greener future for the printing industry. Our certified recyclable embellishments ensure eco-friendly practices, reducing make-ready times, waste, and energy consumption. Scodix technology eliminates toxic chemicals, making it 85% more sustainable than traditional methods, a new benchmark for environmental responsibility.

About Scodix

Scodix Ltd. is a global leader in digital print embellishment, offering advanced presses that empower print service providers and converters to create value-added products. With up to 16 embellishment applications - embossing, varnish, foil, variable data, Cast & Cure, glitter, braille, metallic, security, uncoated and crystal - Scodix solutions enable brands to differentiate while promoting sustainability.